5-022.09 SAN JOAQUIN VALLEY - WESTSIDE

Basin Boundaries

Summary

The Westside Subbasin is a portion of the San Joaquin Groundwater Basin located in Fresno and Kings Counties. The Subbasin generally coincides with the Westlands Water District area on the north, east and south, including the Lemoore Naval Air Station. The Subbasin is bounded on the west by Tertiary marine sediments of the Coast Ranges. The basin boundary is defined by 13 segments detailed in the descriptions below.

Segment Descriptions

Segment Label	Segment Type	Description	Ref
1-2	I Water Agency	Begins from point (1) and goes nearly due east then follows the San Luis Water District boundary to point (2).	{a}
2-3	I Water Agency	Continues from point (2) and follows the Westlands Water District boundary to point (3).	{b}
3-4	I City or Town	Continues from point (3) and follows the west boundary of the City of Mendota to point (4).	{c}
4-5	I Water Agency	Continues from point (4) and follows the Westlands Water District boundary to point (5), a basin intersection.	{b}
5-6	I Water Agency	Continues from point (5) and follows the Westlands Water District boundary to point (6).	{b}
6-7	I Water Agency	Continues from point (6) and follows the Lemoore Naval Air Station boundary to point (7).	{b}
7-8	I Water Agency	Continues from point (7) and follows the Westlands Water District boundary to point (8), a basin intersection.	{b}
8-9	I Water Agency	Continues from point (8) and follows Westlands Water District boundary to point (9).	{b}
9-10	E Alluvial	Continues from point (9) and follows the contact between alluvium and consolidated rocks of the Kettlemen Hills to point (10).	{a}
10-11	I Water Agency	Continues from point (10) and follows the Westlands Water District boundary to point (11).	{b}
11-12	E Alluvial	Continues from point (11) and follows the contact between alluvium and consolidated rocks of the Guijarral Hills to point (12).	{a}
12-13	I Water Agency	Continues from point (12) and follows the Westlands Water District boundary to point (13).	{b}
13-1	E Alluvial	Continues from point (13) and follows the contact between alluvium and consolidated rocks of the Coast Range and ends at point (1).	{a}

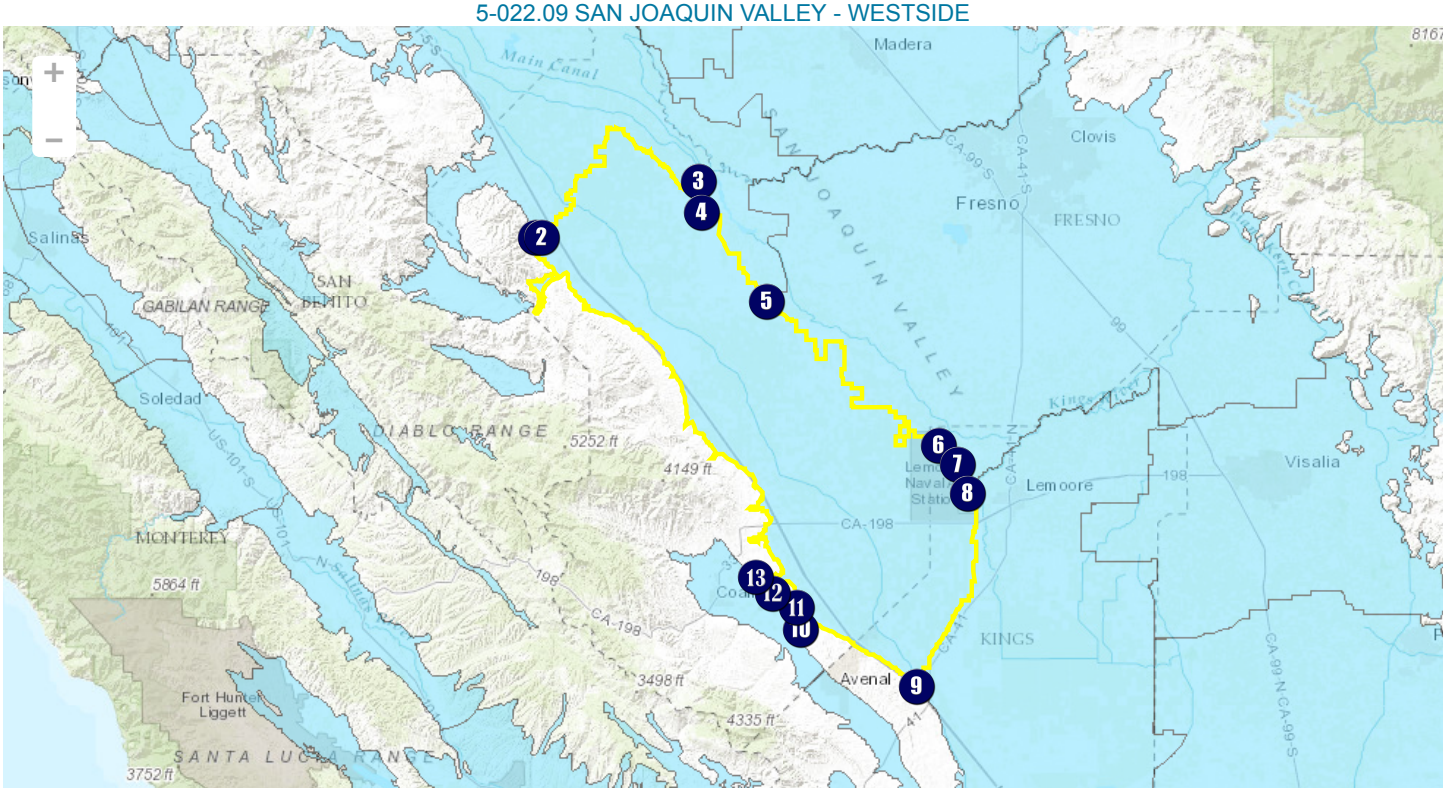
Significant Coordinates

Point	Latitude	Longitude
1	36.684708568	-120.695864894
2	36.684707113	-120.684610373
3	36.769823694	-120.392445594
4	36.722835917	-120.386971708
5	36.588178576	-120.261332587
6	36.371899048	-119.941317902
7	36.342893748	-119.905188215
8	36.299231771	-119.887246132
9	36.007228234	-119.981224655
10	36.094257599	-120.19996394
11	36.126801139	-120.208713236

12	36.148117934	-120.251877298	
13	36.172006712	-120.284617422	

Map

5-022.09 SAN JOAQUIN VALLEY - WESTSIDE



http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=5-22.09

References

Ref	Citation	Pub Date	Global ID
{a}	California Geological Survey (CGS), Geologic Map of California, Geologic Data Map No. 2, C. W. Jennings, C. Gutierrez, W. Bryant, G. Saucedo, and C. Wills. URL: http://maps.conservation.ca.gov/cgs/gmc/	2010	43
{b}	California Department of Water Resources (DWR), Water Agencies Dataset. URL: https://gis.water.ca.gov/app/bbat/	2016	48
{c}	California Department of Forestry and Fire Protection (Cal Fire), Incorporated Cities (INCORP16_1). URL: http://frap.fire.ca.gov/data/frapgisdata-sw-incorporated_download	6/22/16	52

Footnotes

I: Internal

E: External